Docket No.: 1046.1206

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Satoshi KUROYANAGI, et al.

Serial No. 09/467,972 Group Art Unit: 2633

Confirmation No. 3079

Filed: December 21, 1999 Examiner: Reza Sedighian

For: OPTICAL PATH CROSSCONNECT SYSTEM WITH HIGH EXPANDING CHARACTERISTIC

SUBMISSION OF DRAWINGS

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Included herewith are clean copies of Figures 6, 7, 11, and 15 corresponding to the changes to same requested in a Letter to the Examiner Requesting Approval of Changes to the Drawings filed concurrently herewith.

If there are any additional fees associated with filing of this paper, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

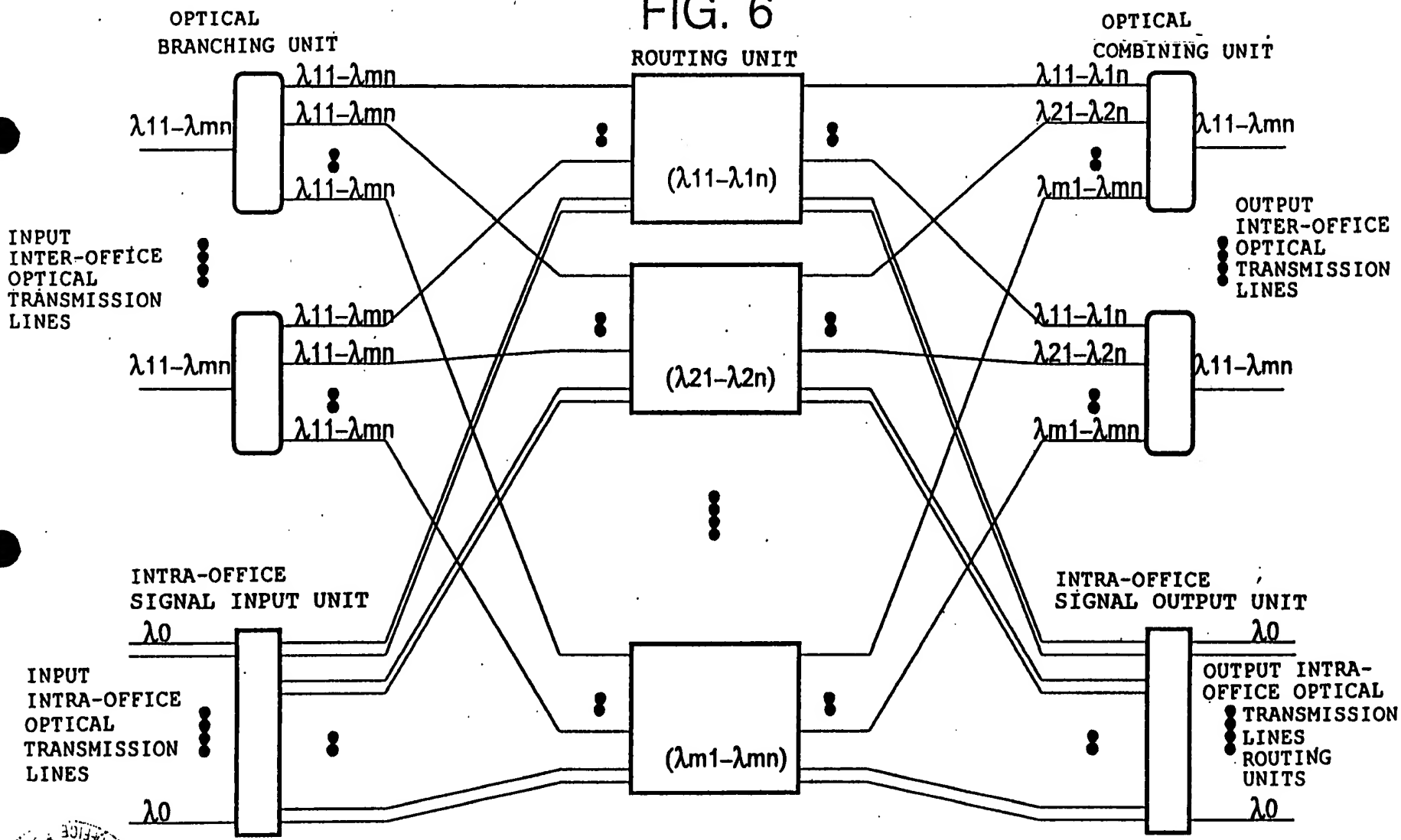
STAAS & HALSEY LLP

Date: June 4, 2003

By: _____
Gene M. Garner II
Registration No. 34,172

700 Eleventh Street, NW, Suite 500
Washington, D.C. 20001
(202) 434-1500

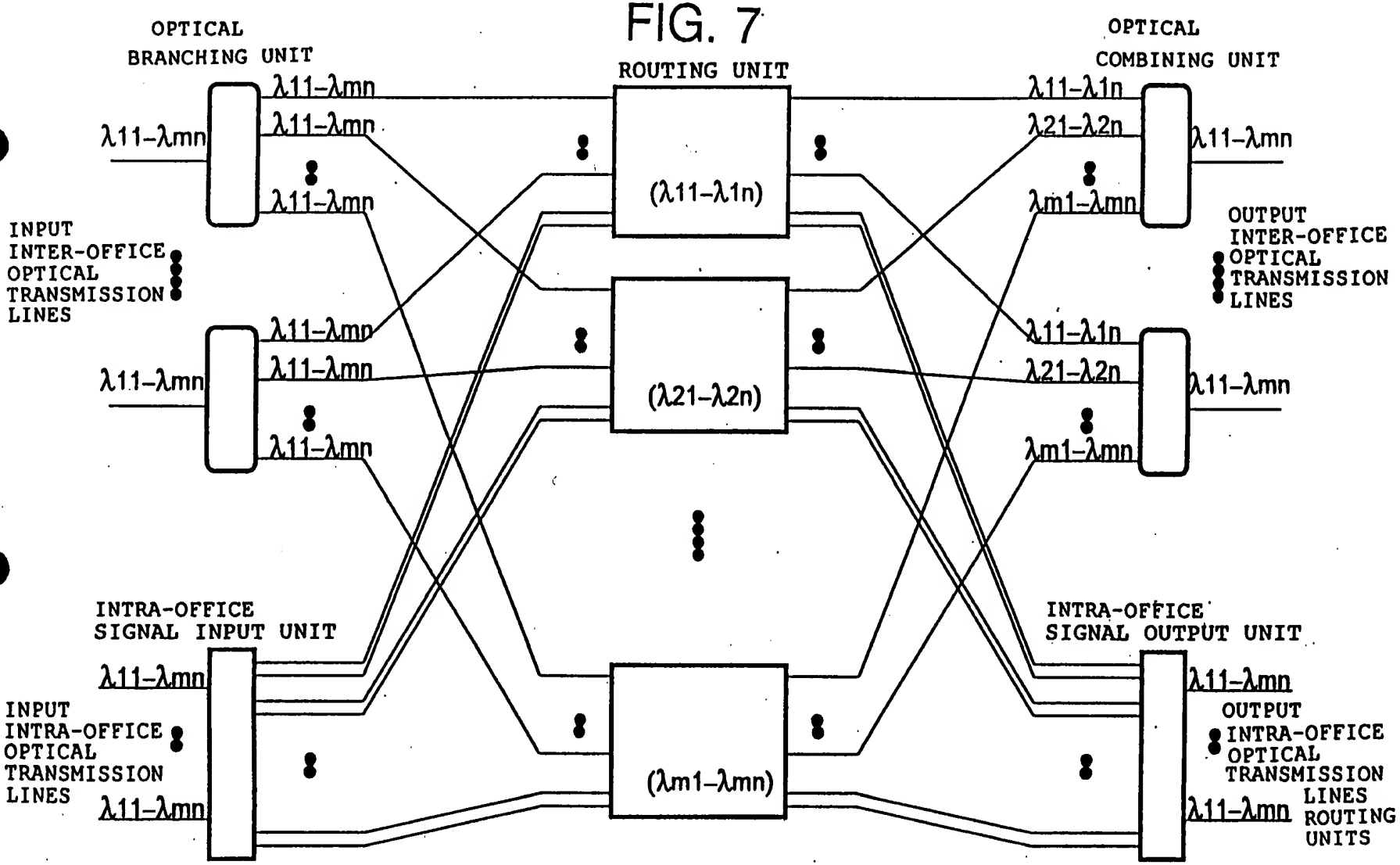
FIG. 6



※ SUBDIVIDED INTO "M" PIECES OF ROUTING UNITS IN UNIT OF "N" WAVELENGTHS

※ PROVIDED WITH WAVELENGTH CONVERTER EACH OF THE RESPECTIVE

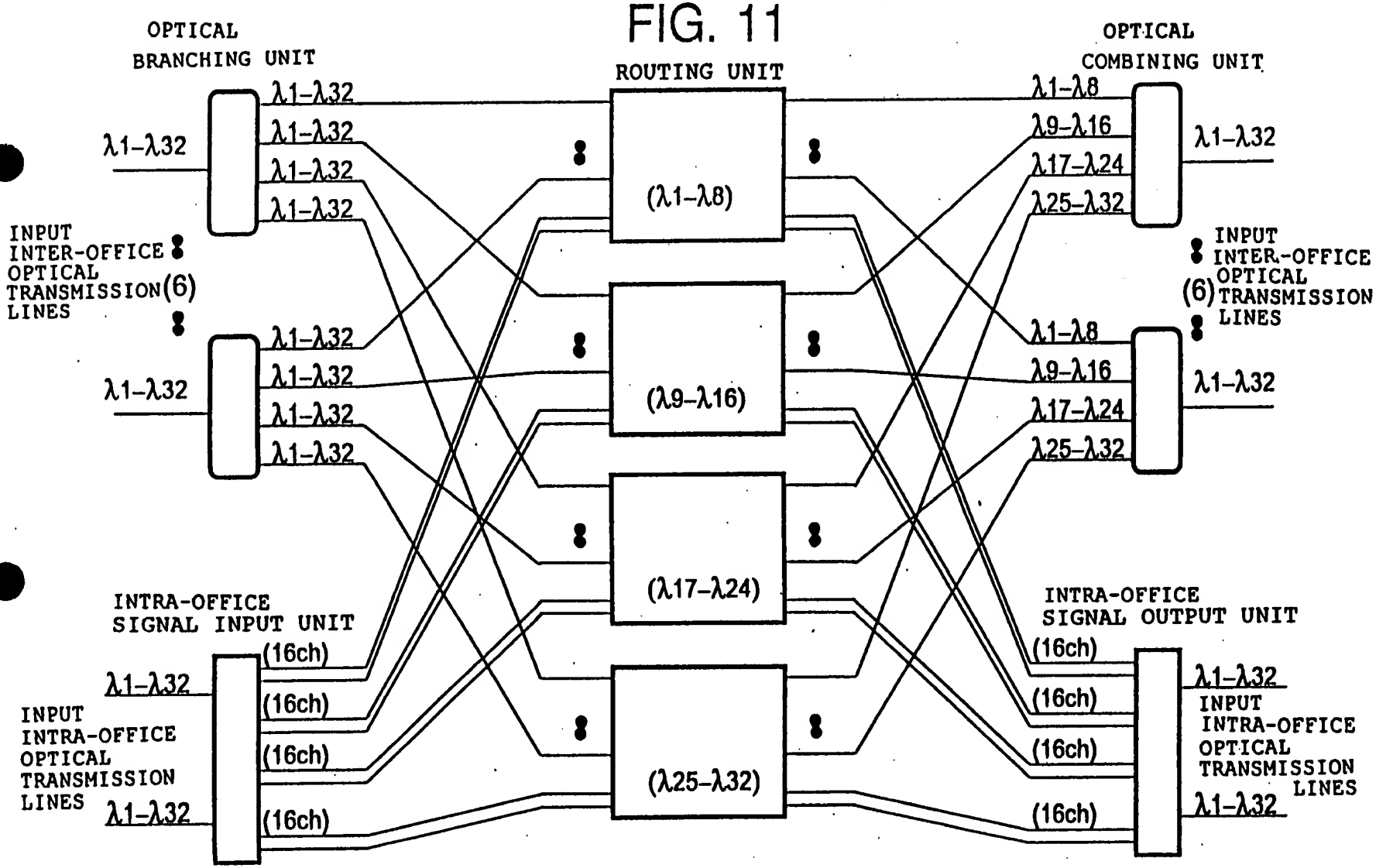
FIG. 7



※ SUBDIVIDED INTO "M" PIECES OF ROUTING UNITS IN UNIT OF "N" WAVELENGTHS

※ PROVIDED WITH WAVELENGTH CONVERTER EACH OF THE RESPECTIVE

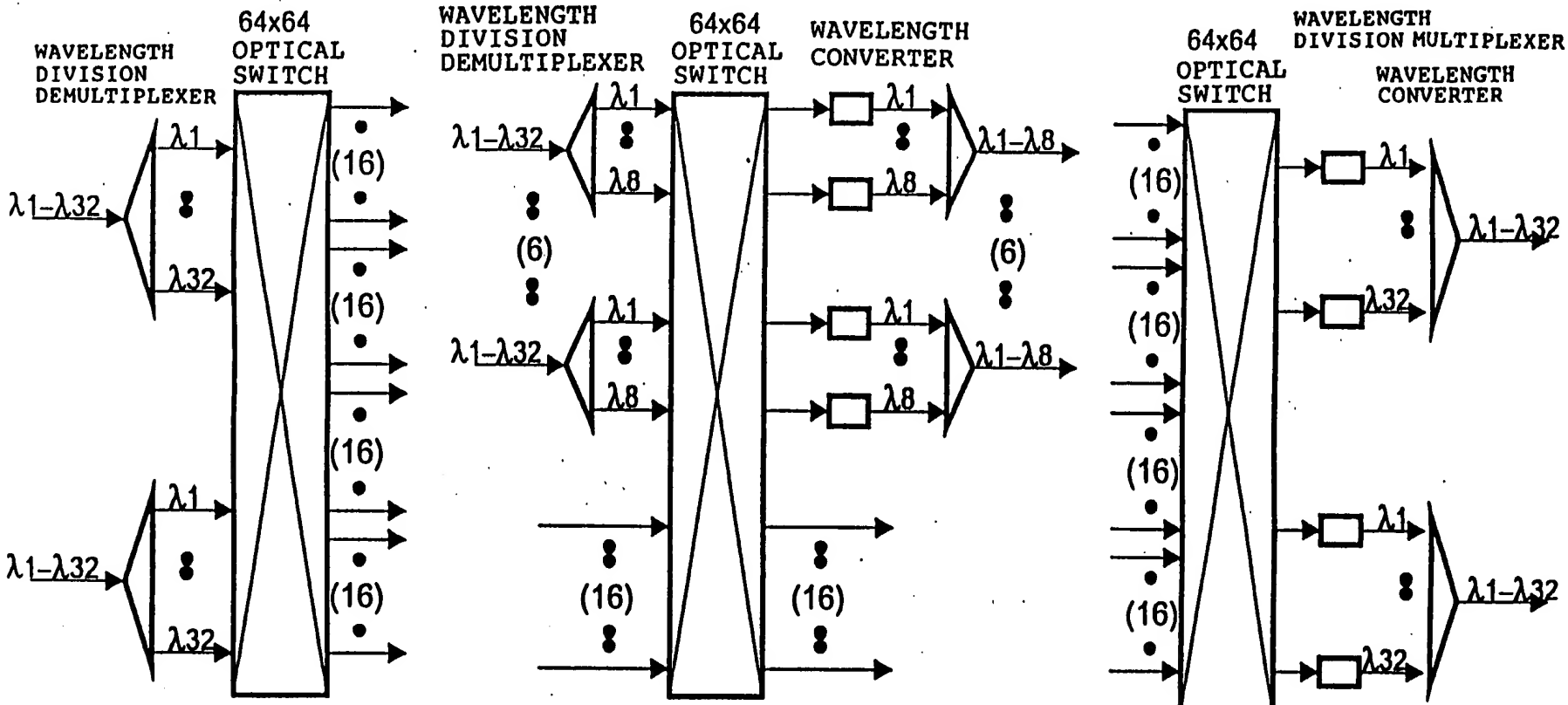
FIG. 11



※ SUBDIVIDED BY 4 PIECES OF ROUTING UNITS IN UNIT OF 8 WAVELENGTHS (WAVELENGTH NUMBER : 32)

※ INTER-OFFICE OPTICAL SIGNAL CHANNEL NUMBER : 192
INTRA-OFFICE OPTICAL SIGNAL CHANNEL NUMBER : 64

FIG. 15



※ ROUTING UNIT FOR λ1 TO λ8

(a) INTRA-OFFICE SIGNAL INPUT UNIT

(b) ROUTING UNIT

(c) INTRA-OFFICE SIGNAL OUTPUT UNIT